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II. Kraft, H.  
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\*US JPRS

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EEur - Germany

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Improving Brown Coal Briquettes by More Refined  
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Order from SLA \$1.10

62-18263

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v. 144, p. 256-262.

DESCRIPTORS: \*Temperature sensitive elements,  
\*Thermocouples, Crystals, \*Rhenium, \*Iridium,  
Tungsten, Thermoelectricity, High temperature  
research.

The thermopotentials of Ir, Re, and of alloys of the sys-  
tem Ir-Re, against W were measured up to 2450°C. The  
upper limit of usefulness of thermoelements of this kind  
is apparently between 2000 and 2400°C., depending on  
the combination. Systematic studies covering the entire  
range of concentrations showed the following to be a  
(Physics--Thermodynamics, TT, v. 9, no. 3) (over)

62-18263

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C227555

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Nov 56 CTS

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NIH 6-2-63

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Order from SLA \$3.60  
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I. Haase, L. W.

Trans. of Vom Wasser (West Germany) 1949, v. 17, p. 164-197.

DESCRIPTORS: \*Hypochlorous acid, Sanitary engineering, Purification, \*Water supplies, \*Sewage.

(Engineering--Sanitation, TT, v. 10, no. 3)

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p. 269-277.

DESCRIPTORS: \*Carbon compounds, \*Dioxides,  
\*Aerosols, Containers, Absorption, Solvents,  
Solidified gases.

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ACSI J-4463  
ID 2204009268

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Sept 68

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K. Petermann.

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May 63

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Historical Aspects About the Dräger Fire Protection  
Devices on Pressure Regulators: Reducing the Fire  
Risk in Oxygen Pressure Regulators, by H. Cordas,  
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GIBSON, Dräger Works J, No 207, Oct. - Dec 1940.

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TT-65-12232

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DISLOCATIONS AND PLASTICITY OF GERMANIUM AND  
InSb. Paper presented at Physikertagung, Pyrmont,  
4 Apr 63. 82p, 62refs.  
Order from SLA: \$8.10 as TT-65-12232

Trans. of manuscript to be published in mono. Festkoerper-  
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II. Title: Physikertagung ...

MH 628

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Sci - Phys  
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Order from SLA \$1.60

62-20332

Trans. of Zeitschrift für Physik (West Germany) 1962,  
v. 167, no. 4, p. 461-467.

DESCRIPTORS: Plasticity, \*Deformation, \*Germanium,  
\*Indium alloys, \*Antimony alloys, \*Semiconductors,  
Crystals, Stresses, Elasticity, X-ray spectroscopy,  
Crystal lattice defects, \*Intermetallic compounds.

(Physics--Solid state. II, v. 9, no. 10)

62-20332

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Office of Technical Services

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WORK-HARDENING AND STACKING FAULT ENERGY  
OF COPPER-ALLOY CRYSTALS. [1961] 25p.  
Order from ATS \$36.60                      ATS-36N53G

Trans. of Z[eitschrift für] Metallk[unde] (West  
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DESCRIPTORS: \*Copper alloys, "Crystals, Hardening,  
Energy.

(Metallurgy--Structural, TT, v. 6, no. 9)

61-25377

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Investigation of Grain-Boundary Migration in Aluminum  
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Sci-Mat & Mat  
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NO 5, SEP-OCT 1962, PP 447-455.

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GB 47

J. HAASLER

Sci -  
Aug 67

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The First Hydraulics Laboratory in China, by  
W. Haasler.

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1939, pp 305-307.

USA Corps of Engr, Waterways Exper Sta Tr 39-19

Sci - Engineering, hydraulics, naval  
Econ - Transportation, river, water

A 3158

Available on loan at Research Center Library

Haass, Günther F.  
THE TRANSFLUXOR AS AN ANALOG STORAGE DE-  
VICE (Der Transfluxor als Analogspeicher). 16p 7refs  
TT-64-14235  
Order from SLA \$1.60

Trans. of NTZ [Nachrichtentechnische Zeitschrift]  
(West Germany) 1961, v. 14, no. 8, p. 410-415.  
(Abstract available)

DESCRIPTORS: \*Analog systems, \*Data storage sys-  
tems, \*Ferrites, Circuits, Feedback, Electric  
potential.

Any device may be used as an analog storage device  
whose output bears a clearly defined relationship to a  
previous input. Transfluxor cores of ferrite materials  
which have rectangular hysteresis curves possess  
several characteristics which, within a certain region,  
exhibit this relationship. As with all magnetic storage  
(Mathematics--Computing Devices, TT, v. 11, no. 7)  
(over)

TT-64-14235

1. Title: Transfluxore  
1. Haass, G. F.

78400

Office of Technical Services

First comparison of birth and age for the basic  
conversion of different methods of planning the  
conversion of the basic planning of the basic  
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Journal: *Journal of Stahl und Eisen*, Vol. LXXXI,  
3, 23 Nov 1901, pp 1981-1992.

RISI 2681

doi: 10.1002/

Nov 01

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S-1384

The Change of X-Ray Interferences, Hysteresis, and  
Surface Appearance in Single-Direction and Alternating-  
Direction Stress of Brass, Nickel, and Steel, *50 pp.*  
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GERMAN, *por*, *Z fuer Metallkunde*, Stuttgart, Vol LIV,  
No 3, 1963, pp 161-172.

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Electrical Properties of Metal Oxides With Foreign  
Atoms in the Crystal Lattice, by E. J. Verwey,  
P. W. Haayman, F. C. Romeyn, 7 pp.

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*Vol 44, No 44*  
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R.A.E. Farnborough 443

Device for the Amplification of Electric Currents and  
Tensions, by Dr Erich Haban. UNCLASSIFIED 4/16

Full translation.

GERMAN, 1942.

ATIC F-7S-7967

EUR - Germany

Scientific - Electricity, currents, amplification,  
tensions

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